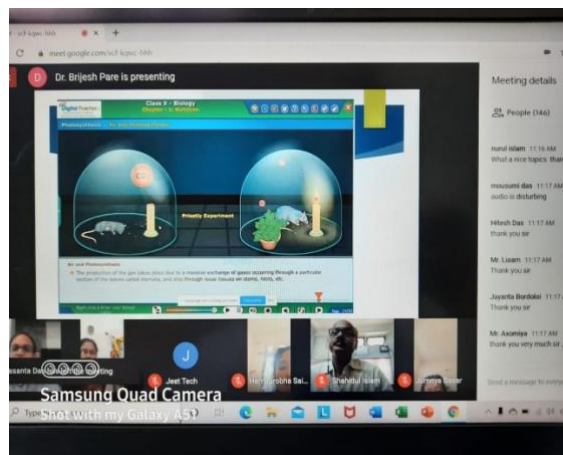
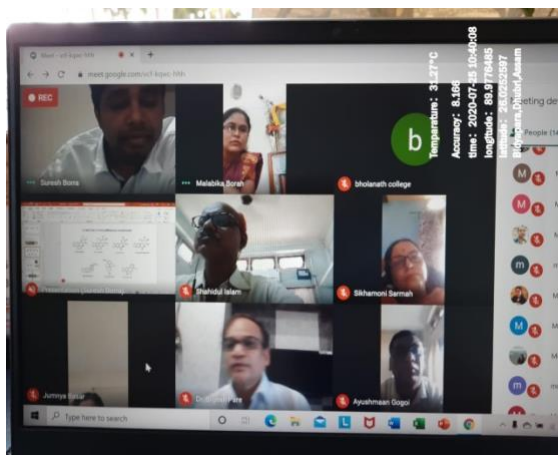


**A Report on  
The International Webinar  
On**

***“Insight into the Research in Chemistry”***

We all are well aware of the importance of research in our day-to-day life. Research in any area plays a crucial role in developing and broadening the knowledge on that particular area. Specially, in the present scenario of COVID-19 pandemic, it is the research only which is proved to be successful in providing the way to the much-needed solution. Keeping this fact in mind, the **Department of Chemistry, B. N. College, Dhubri, Assam, India** organized an **International Webinar on “Insight into the Research in Chemistry”** on **25<sup>th</sup> July, 2020** at 10 am to 12.30 pm on Google meet as well as on facebook platform. Around 560 participants including faculty members as well as both UG and PG students of different colleges and universities of India and abroad actively participated in the webinar.

The webinar was inaugurated by Dr. D. Chakraborty, Principal, B. N. College, Dhubri, Assam, India. The first Resource person for the webinar was **Dr. Suresh Borra, Synthetic Organic Chemist, Toronto Research Chemicals-LGC, Toronto, Canada**. He delivered his talk on **“Total synthesis of biologically active natural products 2-epi narciclasine, pestynol and Sanctolide-A”**. He nicely elaborated the specific topic as well as provided valuable informations regarding the process of doing research in any particular area of interest. The participants particularly the students were very motivated by hearing his particular journey in the area of research.



The second Resource person for the webinar was **Dr. Brijesh Pare, Prof. and Head, PG Department of Chemistry, Madhav Science Post Graduate College, Ujjain, Madhya Pradesh, India**. The topic of his presentation was **“Exploring the scientific processes through the discovery of Oxygen by Joseph Priestly”**. He described the topic very well with simple explanation which really was successful to attract the interests of the participants. He also gave his valuable suggestions regarding the building of career in research after UG level. The participants were well benefitted from his talk. Finally, the webinar was ended with vote of thanks which was delivered by Prof. Shahidul Islam, Associate Prof. and Head, Department of Chemistry, B. N. College, Dhubri, Assam, India. The webinar was coordinated by Dr. Malabika Borah, Assistant Professor, B. N. College, Dhubri, Assam, India.

11:02

REC

**Fixed Air..... Joseph Black**

► In 1754, Joseph Black identified "fixed air" (now known as carbon dioxide) because it could be returned, or fixed, into the sort of solids from which it was produced.

(151)

- Malabika Borah (You)
- Dr. Brijesh Pare
- Jeet Tech
- Dr. Brijesh Pare
- Others in the meeting (147)
- Aasim Kha

10:18

REC

**De Novo Total Synthesis of 2-epi-Nariclasine**

Chemical synthesis scheme showing the conversion of a starting material (a brominated benzene derivative) through several steps: 1. JACS, 1996, 112, 9439; 2. DMP, p-TsOH, DCM; 3. MoOH(OH), NaIO<sub>4</sub>, MeOH, H<sub>2</sub>O, 80%; 4. Pd(PPh<sub>3</sub>)<sub>4</sub>, Na<sub>2</sub>CO<sub>3</sub>, PhH, H<sub>2</sub>O, EtOH; 5. MeCO<sub>2</sub>Li; 6. CeCl<sub>3</sub>·7H<sub>2</sub>O, NaBH<sub>4</sub>, MeOH, 75%; 7. (i) HCl (2 M), DCM, THF, 85%; (ii) Ac<sub>2</sub>O, Et<sub>3</sub>N, DMAP, DCM, 94%.

(119)

- Malabika Borah (You)
- Meera Yadav
- Suresh Borra
- Suresh Borra
- Others in the meeting (115)
- Aasim Kha



# An International Webinar on "Insight into the Research in Chemistry"

Organized by  
Department of Chemistry,  
B. N. College, Dhubri, Assam

Registration link: <http://bncollege.co.in/webchem.php>

25<sup>th</sup>  
July  
10 AM - 12:30 PM



Hosting on  
**GOOGLE MEET**

NOTE: Google meet link will be  
provided at 9:00 PM, 24-07-2020

UG and PG students & Faculties of Chemistry are invited to join

All the participants will be provided with e-certificate after submission of the feedback



#### Resource Person

**Dr. Suresh Borra**  
Synthetic Organic Chemist,  
Toronto Research Chemicals-LGC,  
Toronto, Canada



#### Resource Person

**Dr. Brijesh Pare**  
Prof. and Head,  
PG Department of Chemistry,  
Madhav Science  
Post Graduate College,  
Ujjain, Madhya Pradesh

Coordinator: Dr. Malabika Borah (9954494285)